

Features

Benefits

Single NuBus Card	Low cost, highest performance frame grabber
Display Independent Device	Works with any Apple™ or Macintosh™ compatible monochrome or color monitor, regardless of size or pixel depth
Frame Capture	Captures full-motion video images in rich 24-bit color or 8-bit grayscale
Field Capture	Captures fast moving, full-motion video images in 24-bit color or 8-bit grayscale
Software controlled Preview Window	Lets you capture the image you want every time
Single card, multi-standard NTSC and PAL	Worldwide video compatibility
PICT2 images in 24-bit color and 8-bit grayscale	Full application software compatibility in both color and grayscale
Intelligent Switching of composite and S-Video inputs, NTSC or PAL	Automatically adapts to any combination of NTSC and PAL video inputs
Special Image Filters	Ability to enhance all or portions of an image with blur, sharpen, and solarize

Specifications

Computer Compatibility	Apple Macintosh II, IIx, IICx, IICI, IIfx
Mechanical	Single NuBus card
Input Signal	Two composite or S-Video (S-VHS/Hi8) NTSC or PAL
Capture Resolution	640 x 480 (NTSC), 768 x 576 (PAL) 320 x 240 (NTSC), 384 x 288 (PAL)
Capture Rate	Frame: 1/30 sec. (NTSC), 1/25 sec. (PAL) Field: 1/60 sec. (NTSC), 1/50 sec. (PAL)
Power Consumption	4 Watts, +5 Volts
Input Impedance	75 Ohms
Input Level	One Volt p-p Composite (S-Video)
Connectors	Single BNC-Composite, Two 4-pin S-Video, configurable as composite
System Requirements	2 Mb RAM; mass storage required*; System 6.0.5 or later, 32-bit QuickDraw, V.1.2 or later

QuickImage 24 Video Frame Grabber Card software includes:

- QuickImage 24 INIT
- QuickImage application software

QuickImage 24 Product Package includes:

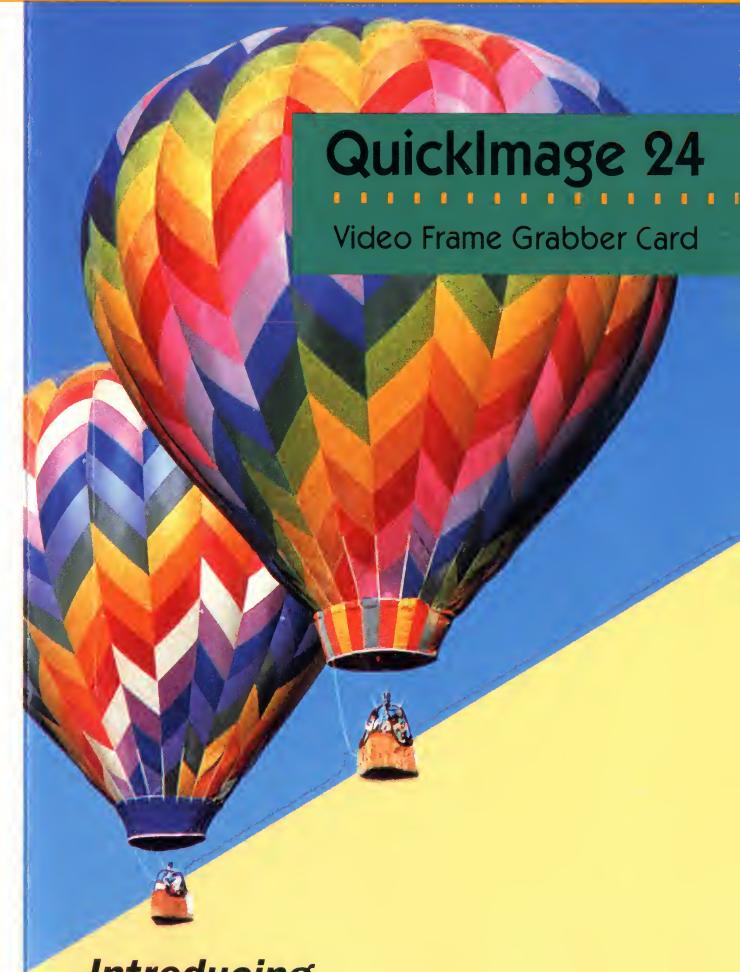
- QuickImage 24 card
- QuickImage 24 Program Disk
- BNC/RCA adapter
- QuickImage 24 User's Guide

* We recommend MASS Microsystems DataPak™ 45 or OptiPak™

Specifications subject to change without notice



810 W. Maude Avenue
Sunnyvale, CA 94086



**Introducing
The First 24-bit Color
Video Frame Grabber
At A Price
That's Easy To Handle**



QuickImage 24

Video Frame Grabber Card

QuickImage™ 24 Video Frame Grabber from MASS Microsystems makes capturing video images easy and inexpensive. Now with QuickImage 24 you can instantly capture 24-bit, full-motion, color or 8-bit grayscale images and import them directly into publishing, presentation, and graphic applications.



You can use QuickImage 24 to bring the visual impact and excitement of video images to:

- ◆ Desktop publishing
- ◆ Desktop presentations
- ◆ Color slide production
- ◆ Desktop video production
- ◆ Computer generated art
- ◆ Commercial art
- ◆ Color Prepress

Intelligent Switching for Worldwide Compatibility

The QuickImage 24 NuBus™ card occupies a single slot in your Macintosh II. It captures both composite and S-Video (S-VHS/Hi8) frames in 1/30* second and saves them as a 24-bit color or 8-bit grayscale PICT2 file. Intelligent Switching enables QuickImage 24 to automatically recognize and process an NTSC or PAL video signal. QuickImage 24 lets you use any combination of two input sources – camcorders, VCRs and videodisc players in both composite or S-Video formats – and easily switch between them.



Image Preview Window lets you view and capture the frame you want.

Display Independent Device

Unlike other frame grabbers, QuickImage 24 is display independent so it works with all Macintosh monitors and display cards – monochrome or color – in any format and size. You can even keep your existing video display card. In fact, QuickImage 24 even captures 24-bit color images when you're using a monochrome monitor.

Unique Field Capture Capability

Only QuickImage 24 gives you a user-selectable Field Capture mode for capturing fast moving objects like the rafters shown below. Field capture occurs at 1/60** second allowing you to capture one field at a time, eliminating interfield motion effects.



User-selectable Field Capture mode (top photo) lets you capture fast moving objects for sharper images when Frame Capture (below) isn't enough.



Special Image Preview Window

QuickImage 24 features a live preview window which lets you see the incoming video images to pick the one you want. The preview window displays video at 5 to 30 frames per second, depending on the window size and color setting.

Complete Software Compatibility

You can import the resulting PICT2 images into virtually all of the most popular Macintosh graphics applications. That includes desktop publishing programs like PageMaker™, QuarkXPress™ and Design

Studio™, or presentation packages such as Persuasion™, Director 2.0™, and PowerPoint™. Use QuickImage with graphics programs such as PixelPaint Professional™, Photoshop™ or



ColorStudio™. QuickImage 24 will also output your captured video frame to any color printer, laser printer or film recorder.

To find the MASS Microsystems dealer nearest you, call 800-522-7979 (U.S.).

All pictures shown were created from actual unretouched images captured with QuickImage 24.

* 1/25 second for PAL

**1/50 second for PAL